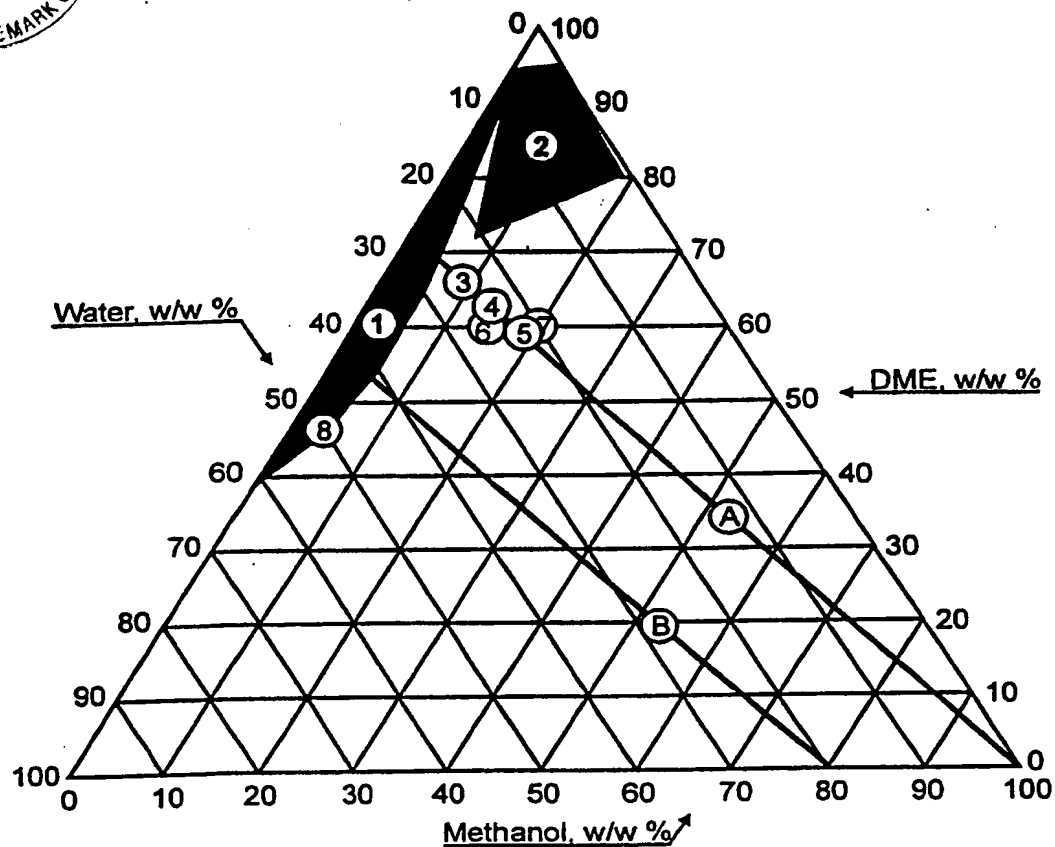


Fig. 1

REPLACEMENT SHEETS



- ① Two liquid phases
- ② HTAS/Amoco Patented

On Board MeOH to DME conversion :

- ③ Equilibrium 200°C, 20 bar
- ④ Equilibrium 300°C, 20 bar
- ⑤ Equilibrium 400°C, 20 bar
- ⑥ Test Fuel # 3
- ⑦ Test Fuel # 4
- ⑧ Test Fuel # 6
- ⑨ - MeOH Dehydration Fuel (Dry)
- ⑩ - MeOH Dehydration Fuel (Aqueous)

The diagram illustrates a chemical process system with two main loops. The top loop consists of a reactor (F) receiving input from a pump (E) and a valve (V1). The output of reactor F goes through a condenser (G) and a separator (H) before entering a pump (J). The bottom loop starts with a reactor (A) receiving 'Methanol' input. Its output goes through a condenser (D) and a separator (C) before entering a pump (B). Various other components like valves (V2, V3), pumps (M, J), and shunts (Shunt L, Shunt O) are shown, along with labels for 'Exhaust', 'Air inlet', 'to I', 'to L', and 'Exhaust from I'.